

# Borclean™ HB311BF

Polypropylene Homopolymer

Borealis AG

## Message:

Borclean HB311BF is a polypropylene homopolymer.

Borclean HB311BF contains no slip, antiblock, antistatic additives or nucleating additives.

General Information			
Features	Additive Free		
	Good Processability		
	Good Stiffness		
	Good Thermal Stability		
	High Purity		
	Homopolymer		
	Metallizable		
	Recyclable Material		
Uses	Bi-axially Oriented Film		
	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	2.9	g/10 min	
230°C/2.16 kg	2.2	g/10 min	
230°C/5.0 kg	9.5	g/10 min	
Ash Content	10 to 20	ppm	ISO 3451-1
Calcium <sup>1</sup>	5	ppm	Internal Method
Catalyst Residue			Internal Method
Aluminium (ICP)	2 to 4	ppm	
Chloride (XRF)	1 to 3	ppm	
Titanium (ICP)	1 to 3	ppm	
Isotactic Index <sup>2</sup>	96	%	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	161 to 165	°C	ISO 3146
Electrical	Nominal Value		Test Method
Dielectric Constant	2.25		IEC 60250
NOTE			
1.	from anti-acid		

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#### Recommended distributors for this material

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